

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

- American museum journal.* New York. v. 16. December, 1916.
Reeds, Chester A. A perplexing phenomenon—mirage. p. 513-524.
- American photography.* Boston. v. 11. January, 1917.
Anderson, E. S. Snow photography. p. 3-6.
- Engineering news.* New York. January 4, 1917.
The Miami valley flood-protection work. I. Fixing maximum flood limits. p. 12-17.
- Geographical journal.* London. v. 49. January, 1917.
Kellas, A. M. A consideration of the possibility of ascending the loftier Himalaya. p. 26-48. [Discusses physiological effects of great altitudes.]
- Nature.* London. v. 98. December 28, 1916.
Shaw, Napier. Prof. Cleveland Abbe. p. 332. [Obituary.]
- Physical review.* Lancaster. v. 8. December, 1916.
Harrington, Ertle Leslie. A redetermination of the absolute value of the coefficient of viscosity of air. p. 735-751.
- Royal meteorological society. Quarterly journal.* v. 42. October, 1916.
Bonacina, L. C. W. On the readjustment of pressure differences; two species of atmospheric circulation and their connection. p. 209-228.
- Shaw, Napier. Note on Mr. Bonacina's paper "On the readjustment of pressure differences; two species of atmospheric circulation and their connection." p. 229-231.
- Clark, J. Edmund, & Adames, Henry B. Report on the phenological observations in the British islands, from December, 1914, to November, 1915. p. 233-265.

- Christy, Miller, & Marriott, William. Audibility of the gunfire in Flanders over the southeast of England, September, 1914-April, 1916. p. 267-288.
- Chapman, E. H. The relation between atmospheric pressure and rainfall at Kew and Valencia observatories. p. 289-299.
- Curtis, R. H., & Marriott, Wm. Robert Henry Scott. F. R. S. 1833-1916. p. 301-304. [Obituary.]
- Scientific American supplement.* New York. v. 83. 1917.
- Cyclonic disturbances and their effect. An explanation of the air currents involved. p. 28-29. (Jan. 13.)
- Wayfarer (*pseud.*). Old English weather vanes. Some curious mediaeval finial decorations. p. 53-54. (Jan. 27.)
- Breton, A. A new condensation hygrometer. p. 60. (Jan. 27.)
- Sismological society of America. Bulletin.* Stanford university. v. 6. December, 1916.
- Wood, Harry O. The earthquake problem in the western United States. p. 197-217.
- Taber, Stephen. The earthquake in the southern Appalachians, February 21, 1916. p. 218-226.
- Montessus de Ballore, [Fernand] de. Earthquake intensity scales. p. 227-231.
- Tristan, J. Fidel. The Costa Rica earthquake of February 27, 1916. p. 232-235.
- Meteorologische Zeitschrift.* Braunschweig. Band 33. November, 1916.
- Hann, J[ulius] v. Beiträge zur Kenntnis des jährlichen und täglichen Ganges der Temperaturabnahme mit der Höhe im Gebirge. p. 492-503.
- Defant, Albert. Die täglichen unperiodischen Druckschwankungen im Gebiete der Vereinigten Staaten von Nordamerika. p. 503-510. [See translation in a later issue of this REVIEW.]
- Linke, Franz. Die atmosphärische Quelle der durchdringenden Strahlung. Zweite Mitteilung. p. 510-513.
- S., C. Aksel Steen. p. 513-514. [Obituary.]
- Köppen, W[ladimir]. Nachruf für A. J. Woeikof. p. 514-515. [Obituary.]
- Maurer, J[ulius]. Zur atmosphärisch-optischen Störung des Sommers 1916. p. 515-517.
- Wolf, Max. Ueber die höchsten Dämmerungswolken. p. 517-519.
- Láska, V[aclav]. Abnormale Dämmerungserscheinungen im Sommer 1916. p. 520-521.
- Pettersson, Hans. Die experimentelle Darstellung von Seiches in Gasen. p. 521-522.
- Wegener, Alfred. Aeussere Hörbarkeitszone und Wasserstoffosphäre. p. 523-524.
- Quelle, O[tto]. Regenmengen im Staat Ceará, Nord-Brasilien. p. 524-525. [Collected data for Quixeramobim and Icô.]